FIG. 1

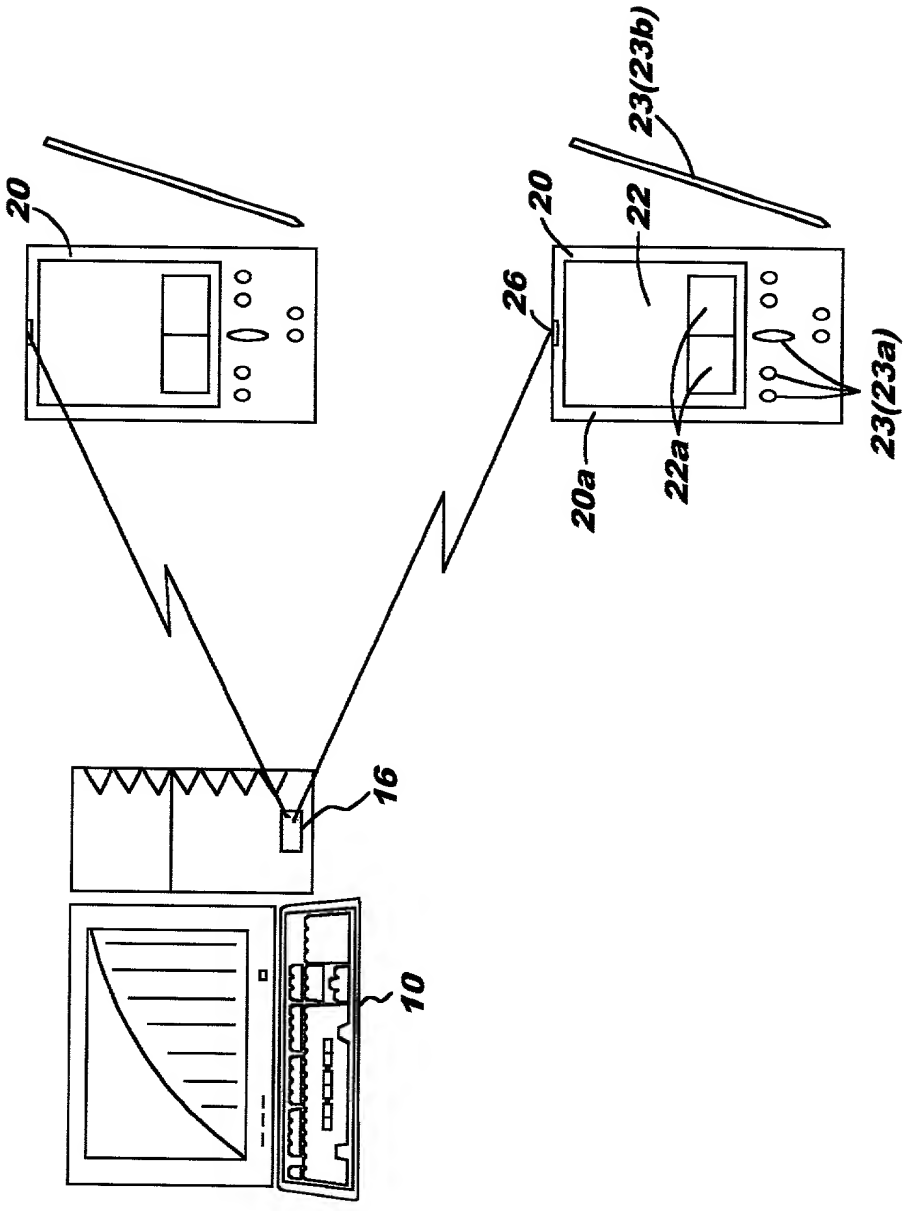


FIG. 2

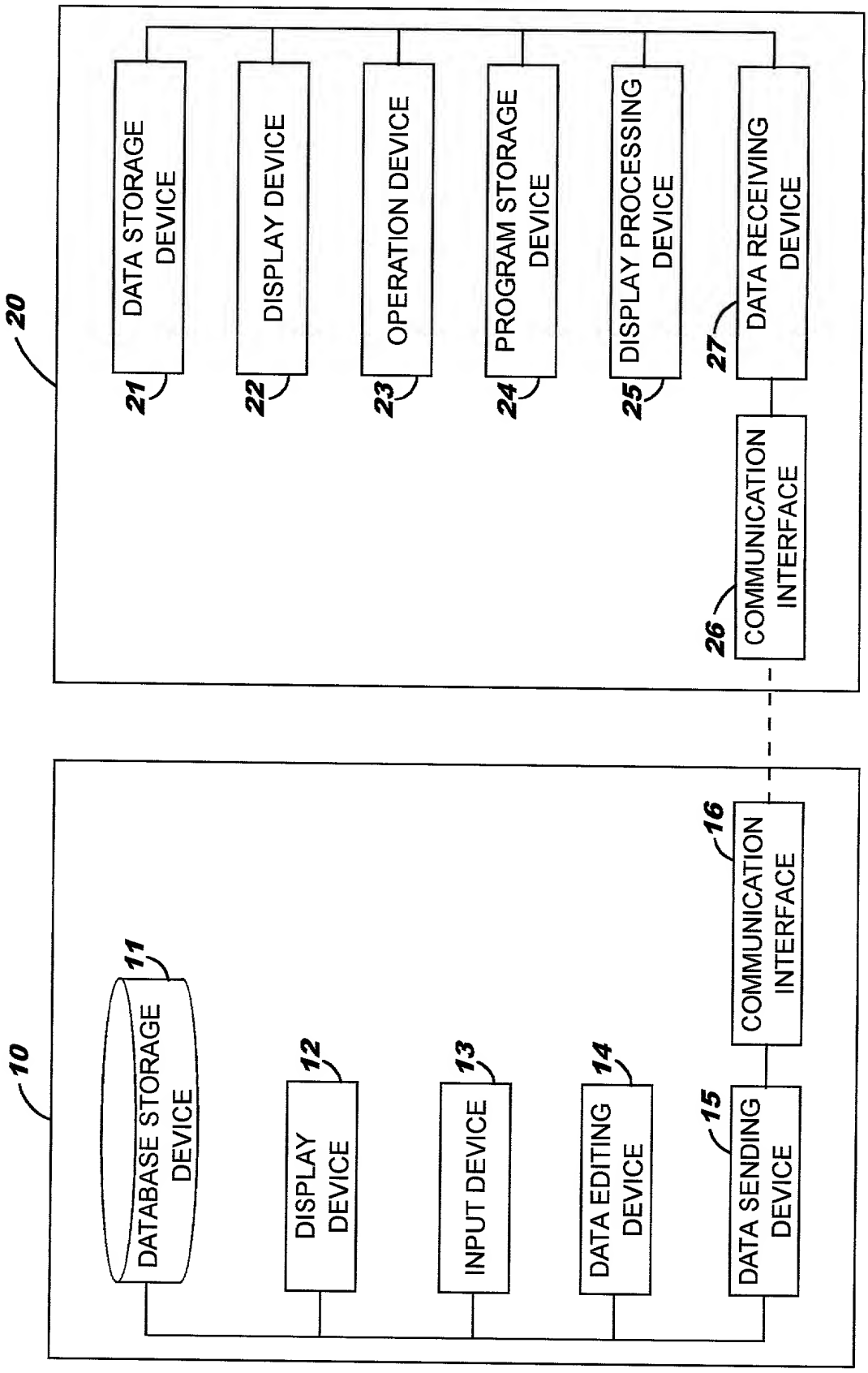

10
DATABASE STORAGE DEVICE
11
DISPLAY DEVICE
12
INPUT DEVICE
13
DATA EDITING DEVICE
14
DATA SENDING DEVICE
15
COMMUNICATION INTERFACE
16
20
DATA STORAGE DEVICE
21
DISPLAY DEVICE
22
OPERATION DEVICE
23
PROGRAM STORAGE DEVICE
24
DISPLAY PROCESSING DEVICE
25
COMMUNICATION INTERFACE
26
DATA RECEIVING DEVICE
27

FIG. 3

DB

HWID NUMBER	HW000003	.....
HW TYPE	MAIN FRAME PERIPHERAL DEVICE	.....
HW NAME	TERMINAL CONTROLLER	.....
SERIAL NO.	23LD462	.....
PROJECT CODE	5YOJA	.....
MACHINE TYPE	...	.....
MACHINE MODEL	...	.....
HW MANAGEMENT NO.	4F408	.....
SITE	IBM-XX	.....
BUILDING CATEGORY	COMPUTER BUILDING	.....
FLOOR	4F	.....
X COORDINATE OF STARTING POINT	238	.....
Y COORDINATE OF STARTING POINT	162	.....
X COORDINATE OF ENDING POINT	364	.....
Y COORDINATE OF ENDING POINT	278	.....
COLOR	...	.....
CUSTOMER NAME	...	.....
ADDRESS	...	.....
OWNER CATEGORY	IBM PROPERTY	.....
MAINTENANCE TIME	10 TO 18	.....

FIG. 4

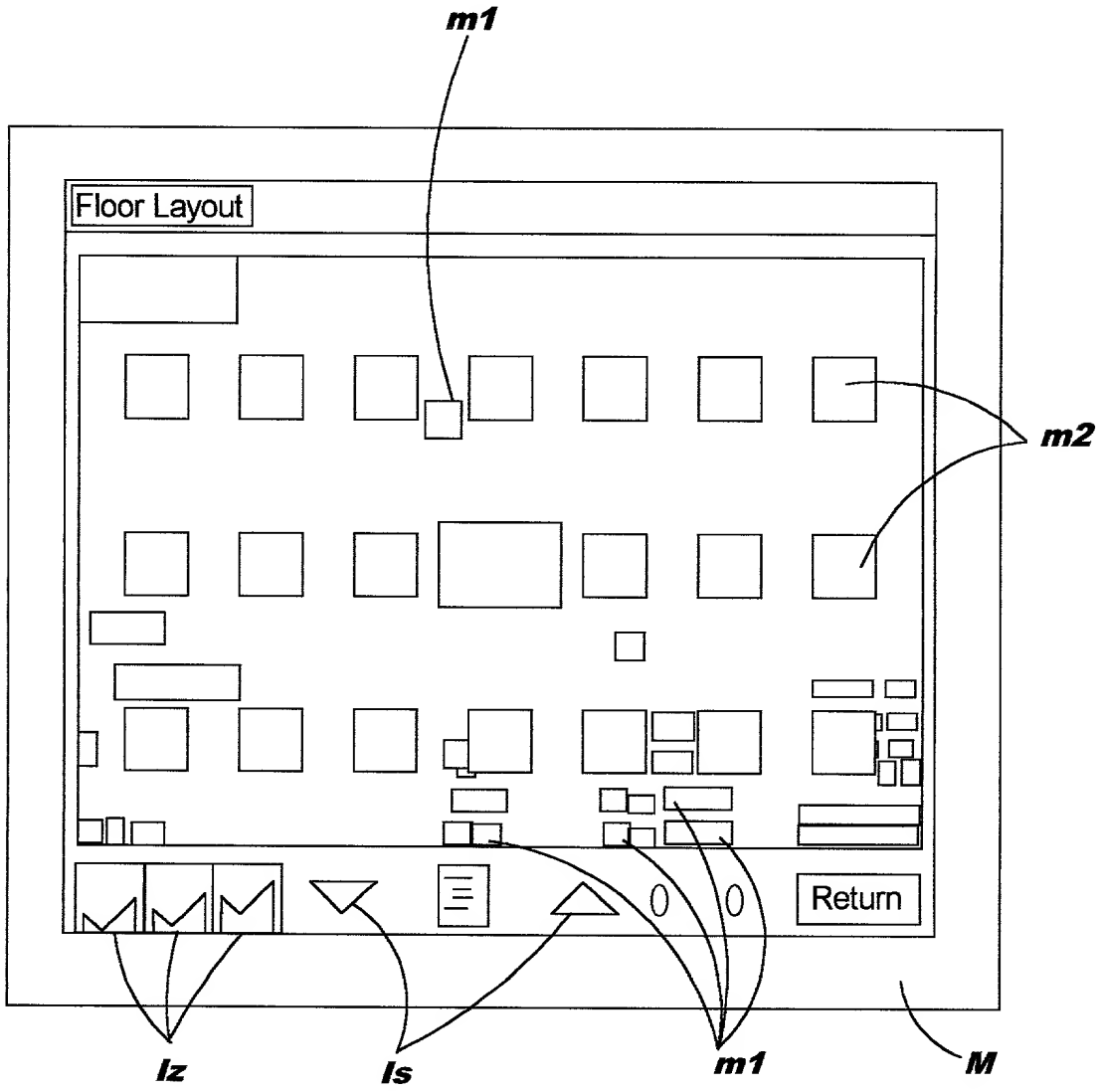


FIG. 5

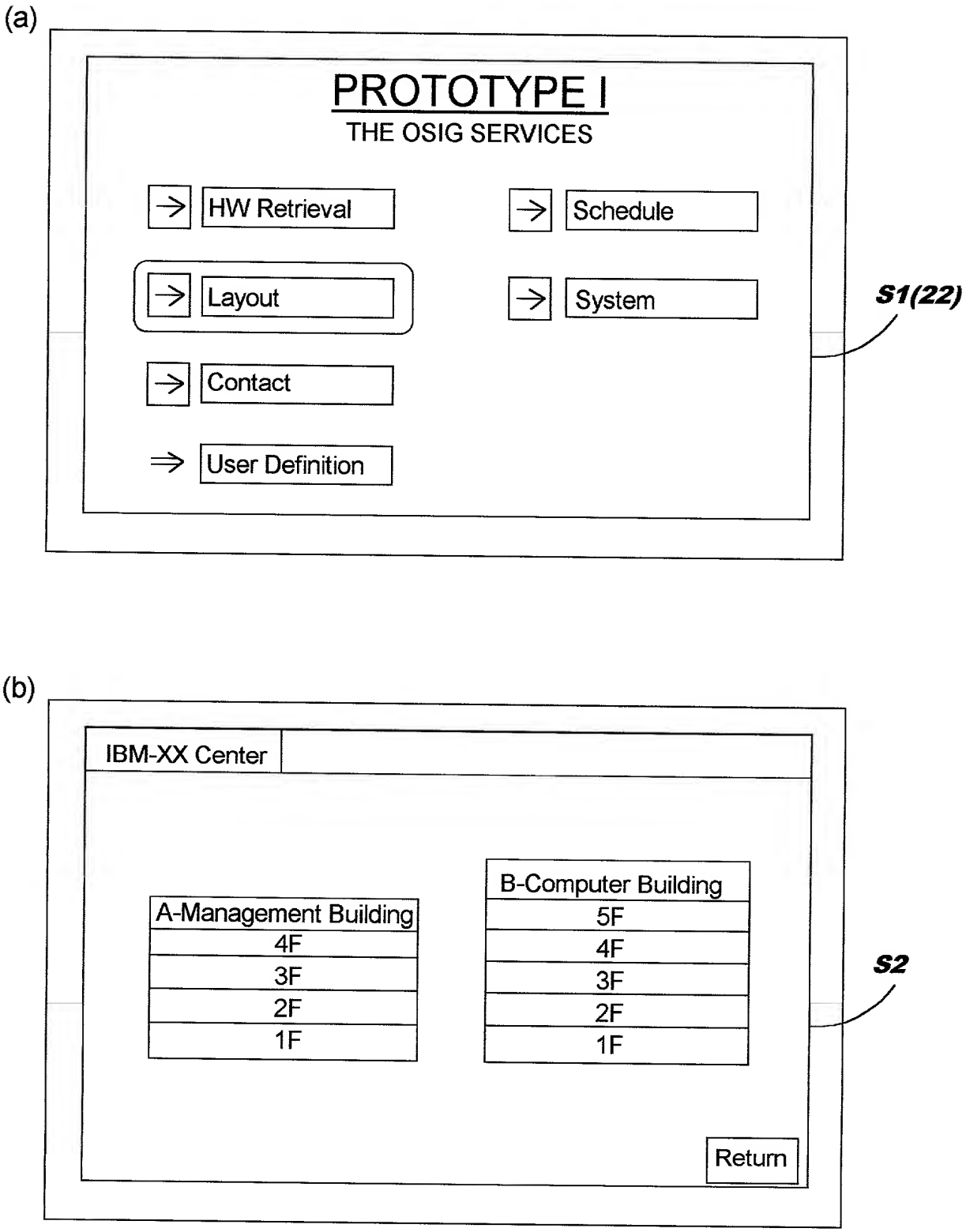

(a)
PROTOTYPE I
THE OSIG SERVICES
HW Retrieval
Schedule
Layout
System
Contact
User Definition
S1(22)
(b)
IBM-XX Center
A-Management Building
4F
3F
2F
1F
B-Computer Building
5F
4F
3F
2F
1F
Return
S2

FIG. 6

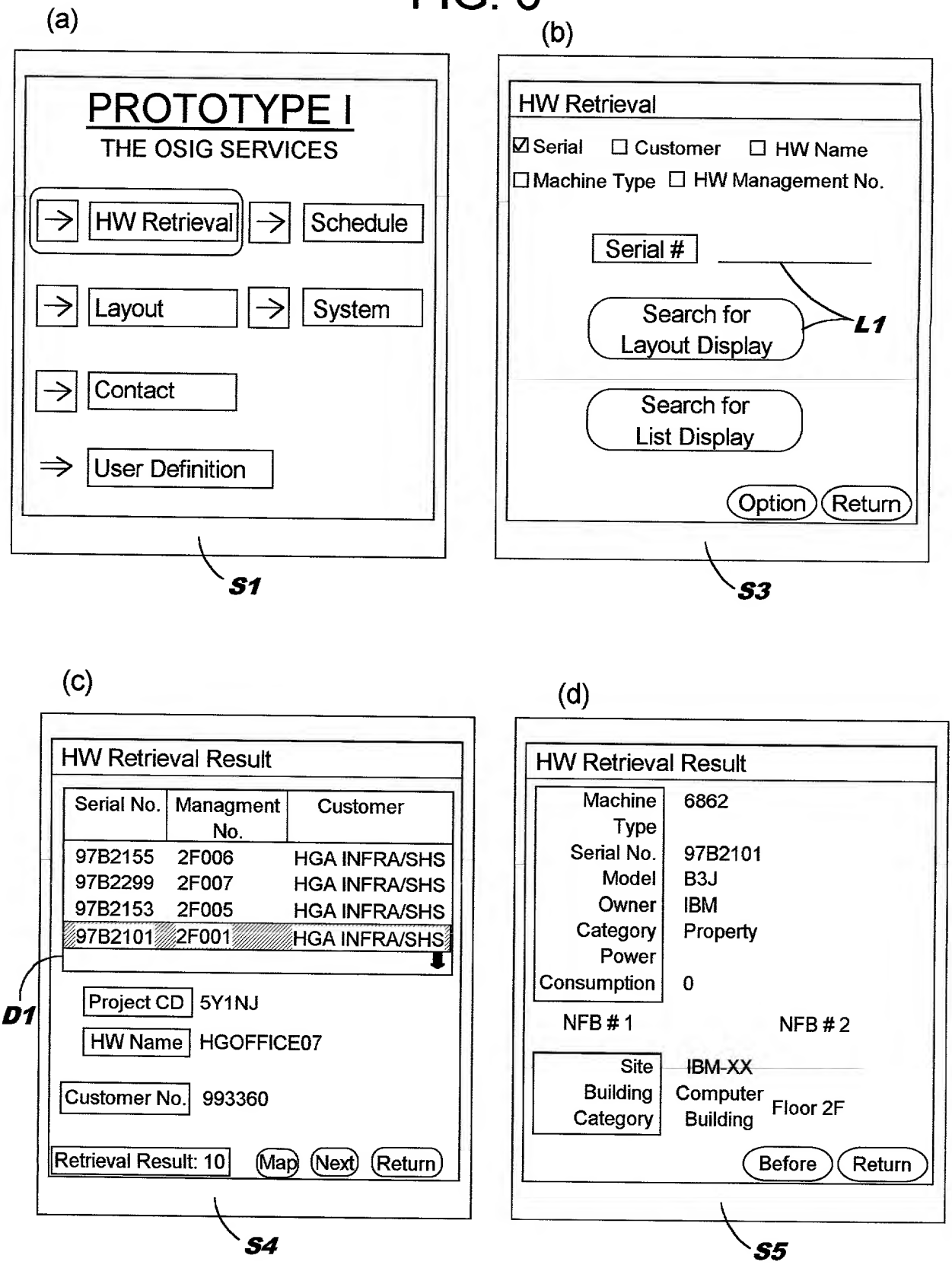

(a)
PROTOTYPE I
THE OSIG SERVICES
HW Retrieval
Schedule
Layout
System
Contact
User Definition
S1
(b)
HW Retrieval
Serial
Customer
HW Name
Machine Type
HW Management No.
Serial #
Search for Layout Display
L1
Search for List Display
Option
Return
S3
(c)
HW Retrieval Result
Serial No.
Managment No.
Customer
97B2155 2F006 HGA INFRA/SHS
97B2299 2F007 HGA INFRA/SHS
97B2153 2F005 HGA INFRA/SHS
97B2101 2F001 HGA INFRA/SHS
D1
Project CD 5Y1NJ
HW Name HGOFFICE07
Customer No. 993360
Retrieval Result: 10
Map
Next
Return
S4
(d)
HW Retrieval Result
Machine Type 6862
Serial No. 97B2101
Model B3J
Owner IBM
Category Property
Power Consumption 0
NFB # 1
NFB # 2
Site IBM-XX
Building Computer Building
Category
Floor 2F
Before
Return
S5

FIG. 7

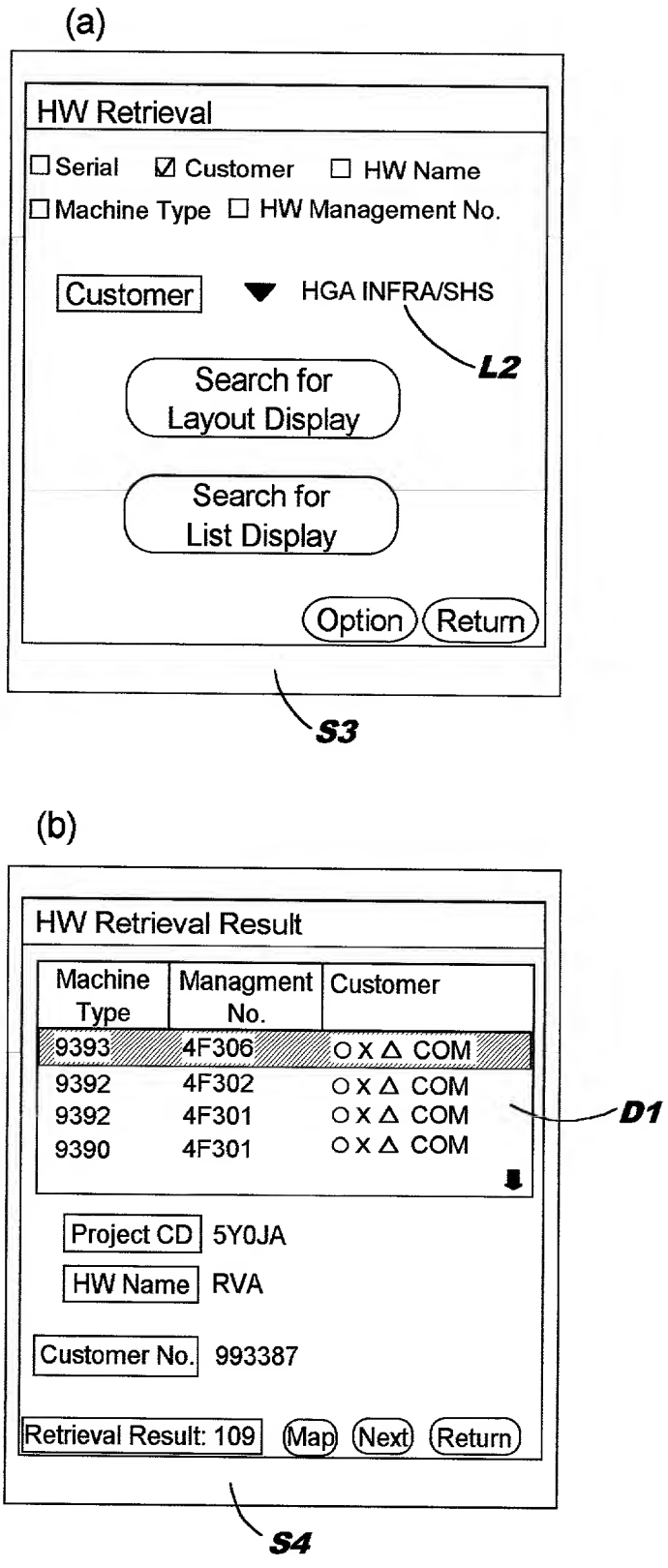

(a)
HW Retrieval
Serial
Customer
HW Name
Machine Type
HW Management No.
Customer
HGA INFRA/SHS
L2
Search for Layout Display
Search for List Display
Option
Return
S3
(b)
HW Retrieval Result
Machine Type
Managment No.
Customer
9393 4F306 O X Δ COM
9392 4F302 O X Δ COM
9392 4F301 O X Δ COM
9390 4F301 O X Δ COM
D1
Project CD 5Y0JA
HW Name RVA
Customer No. 993387
Retrieval Result: 109
Map
Next
Return
S4

FIG. 8

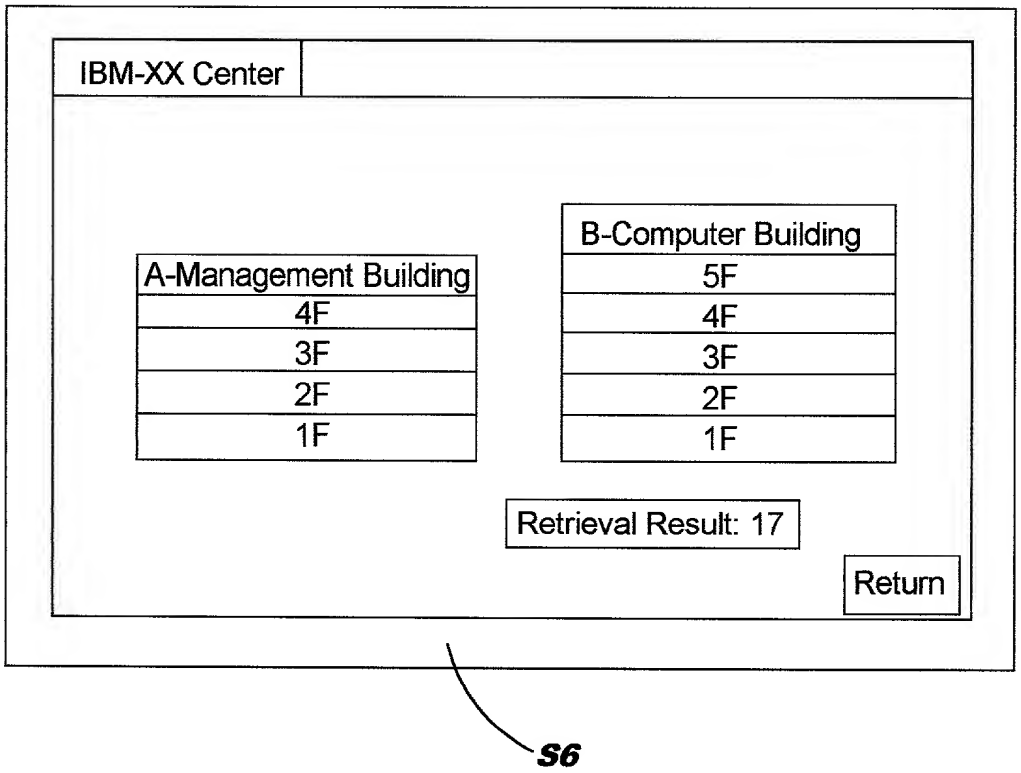

IBM-XX Center
A-Management Building
4F
3F
2F
1F
B-Computer Building
5F
4F
3F
2F
1F
Retrieval Result: 17
Return
S6

FIG. 9

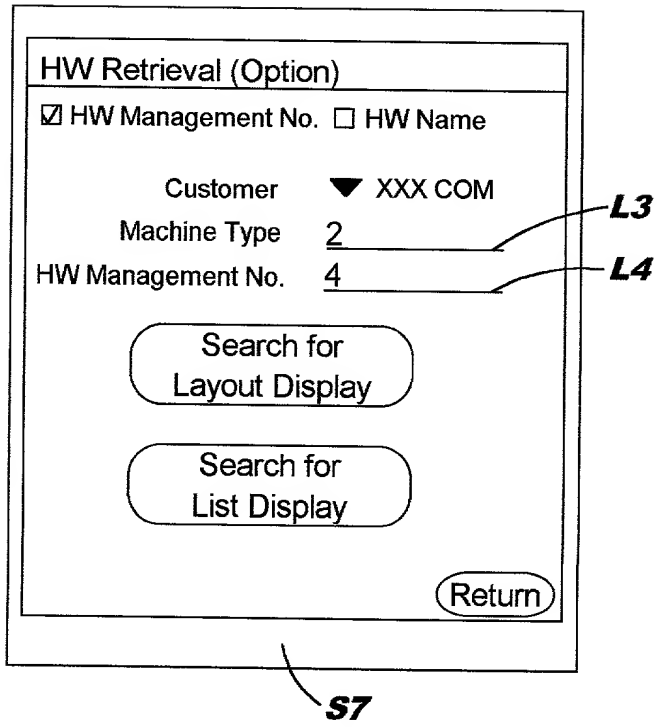

HW Retrieval (Option)
☑ HW Management No. ☐ HW Name
Customer
XXX COM
Machine Type
2
HW Management No.
4
L3
L4
Search for Layout Display
Search for List Display
Return
S7

FIG. 10

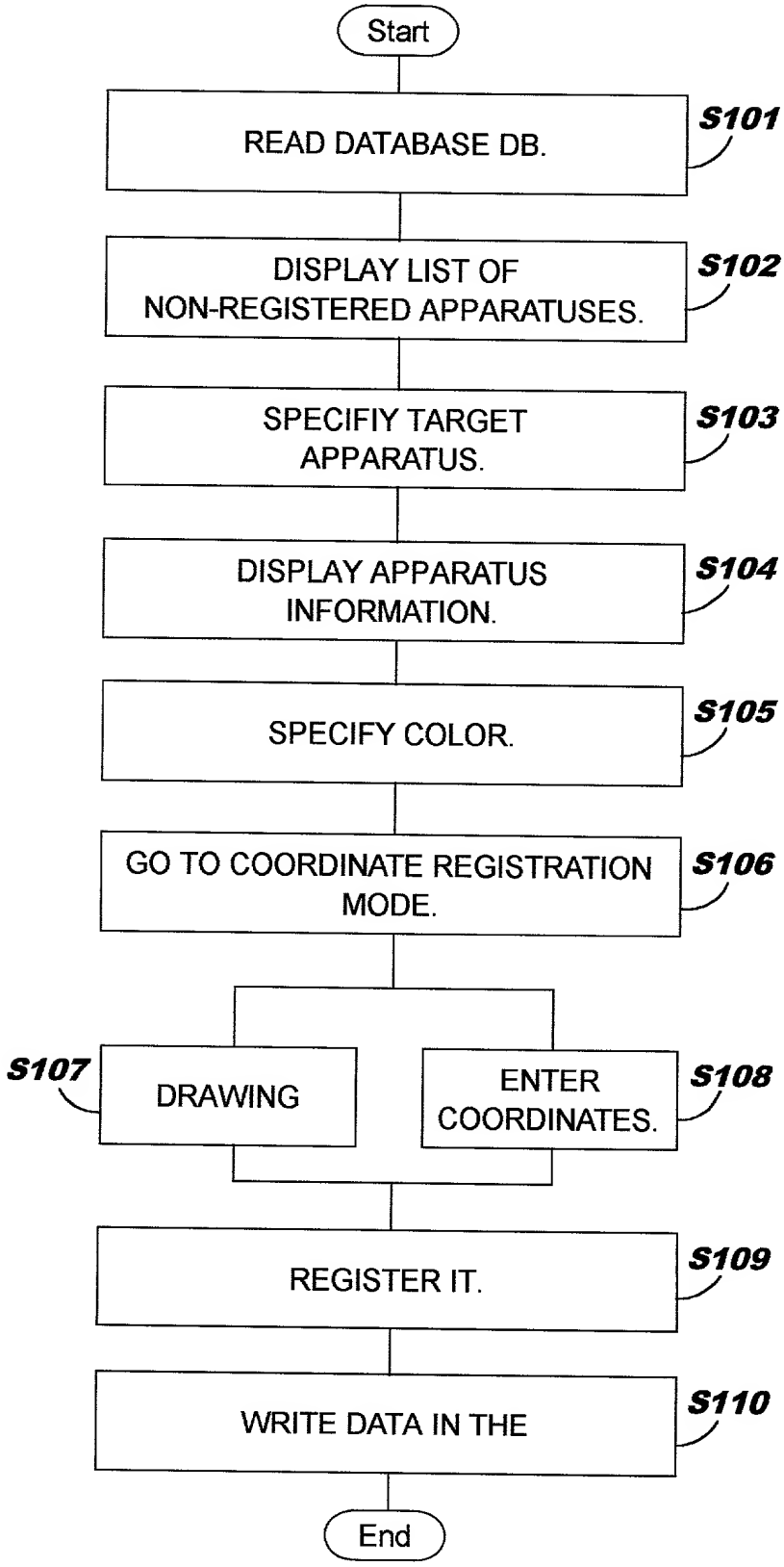

Start
READ DATABASE DB.
S101
DISPLAY LIST OF NON-REGISTERED APPARATUSES.
S102
SPECIFIY TARGET APPARATUS.
S103
DISPLAY APPARATUS INFORMATION.
S104
SPECIFY COLOR.
S105
GO TO COORDINATE REGISTRATION MODE.
S106
S107
DRAWING
ENTER COORDINATES.
S108
REGISTER IT.
S109
WRITE DATA IN THE
S110
End

FIG. 11

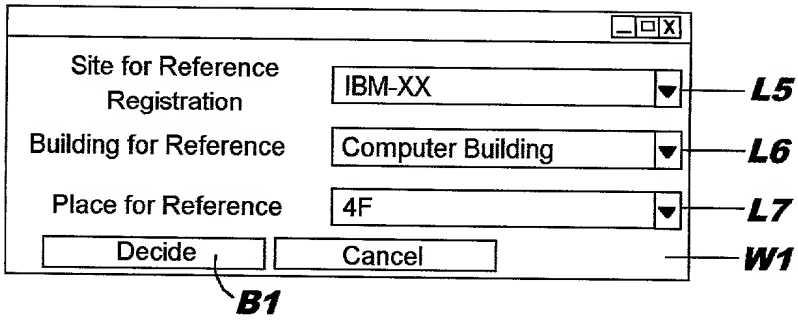

Site for Reference Registration
IBM-XX
L5
Building for Reference
Computer Building
L6
Place for Reference
4F
L7
Decide
Cancel
W1
B1

FIG. 12

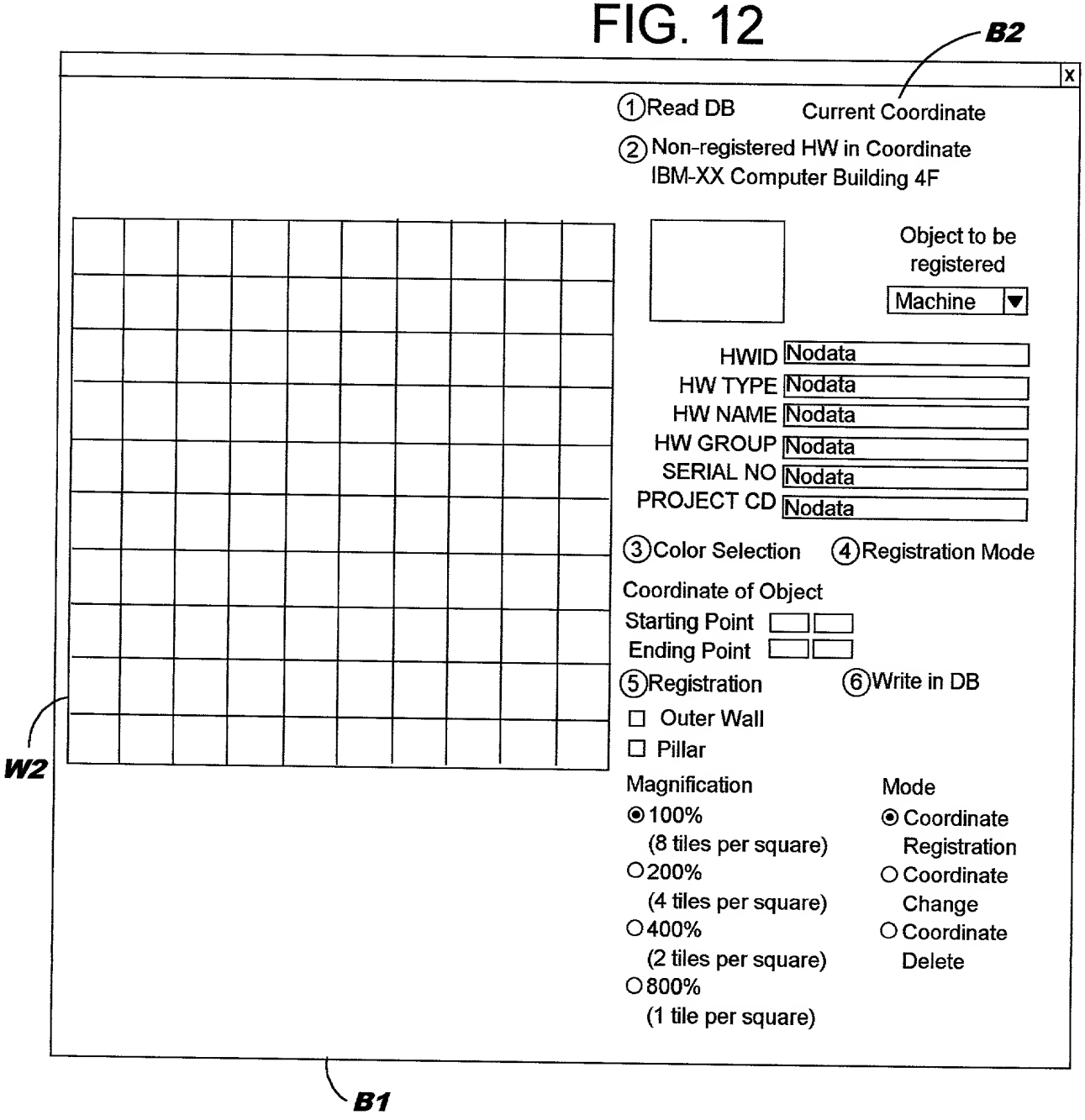

B2
X
①Read DB
Current Coordinate
②Non-registered HW in Coordinate
IBM-XX Computer Building 4F
Object to be registered
Machine
HWID Nodata
HW TYPE Nodata
HW NAME Nodata
HW GROUP Nodata
SERIAL NO Nodata
PROJECT CD Nodata
③Color Selection
④Registration Mode
Coordinate of Object
Starting Point
Ending Point
⑤Registration
⑥Write in DB
Outer Wall
Pillar
Magnification
100%
(8 tiles per square)
200%
(4 tiles per square)
400%
(2 tiles per square)
800%
(1 tile per square)
Mode
Coordinate Registration
Coordinate Change
Coordinate Delete
W2
B1

FIG. 13

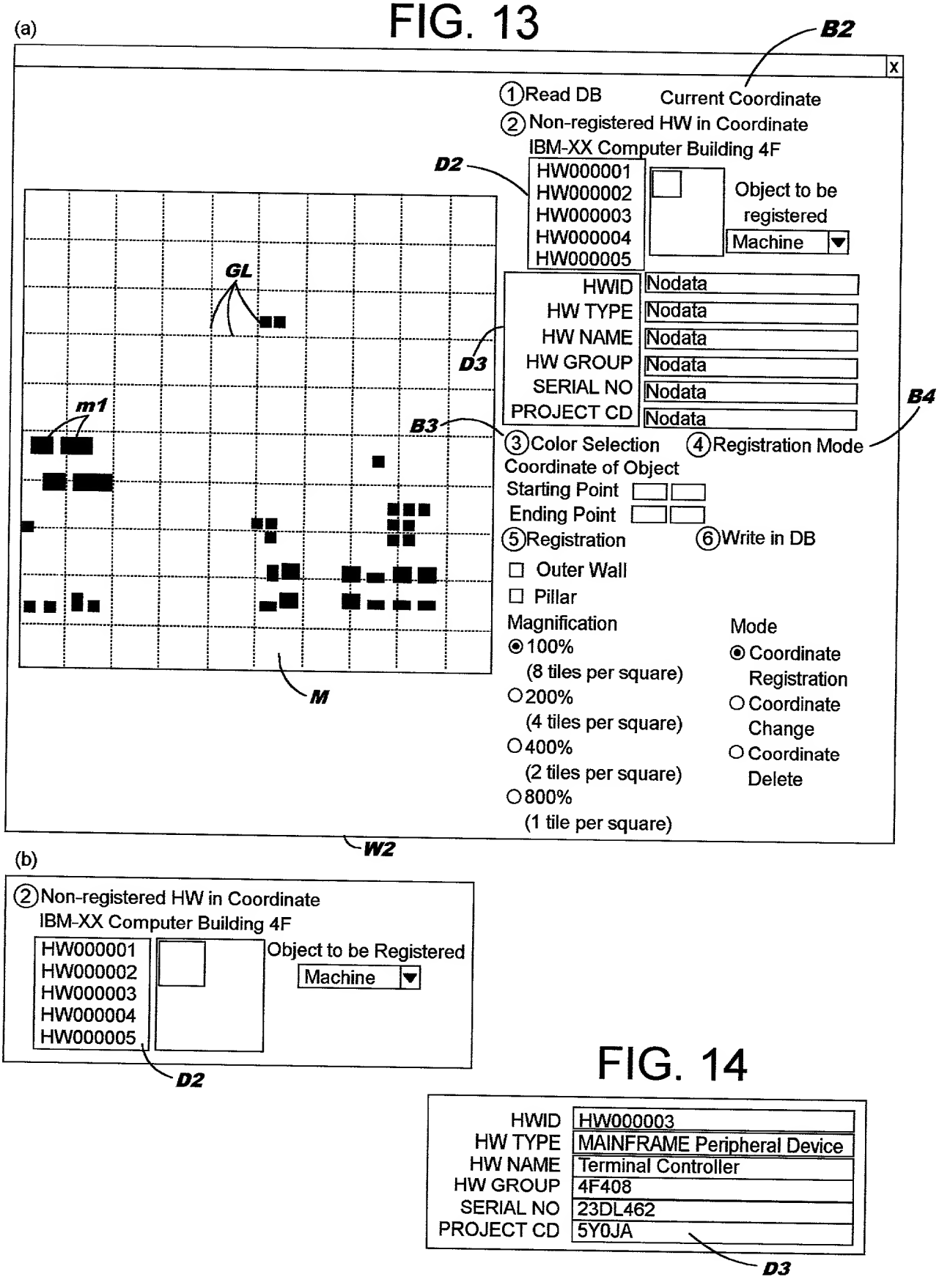


FIG. 14

HWID	HW000003
HW TYPE	MAINFRAME Peripheral Device
HW NAME	Terminal Controller
HW GROUP	4F408
SERIAL NO	23DL462
PROJECT CD	5Y0JA

D3

FIG. 15

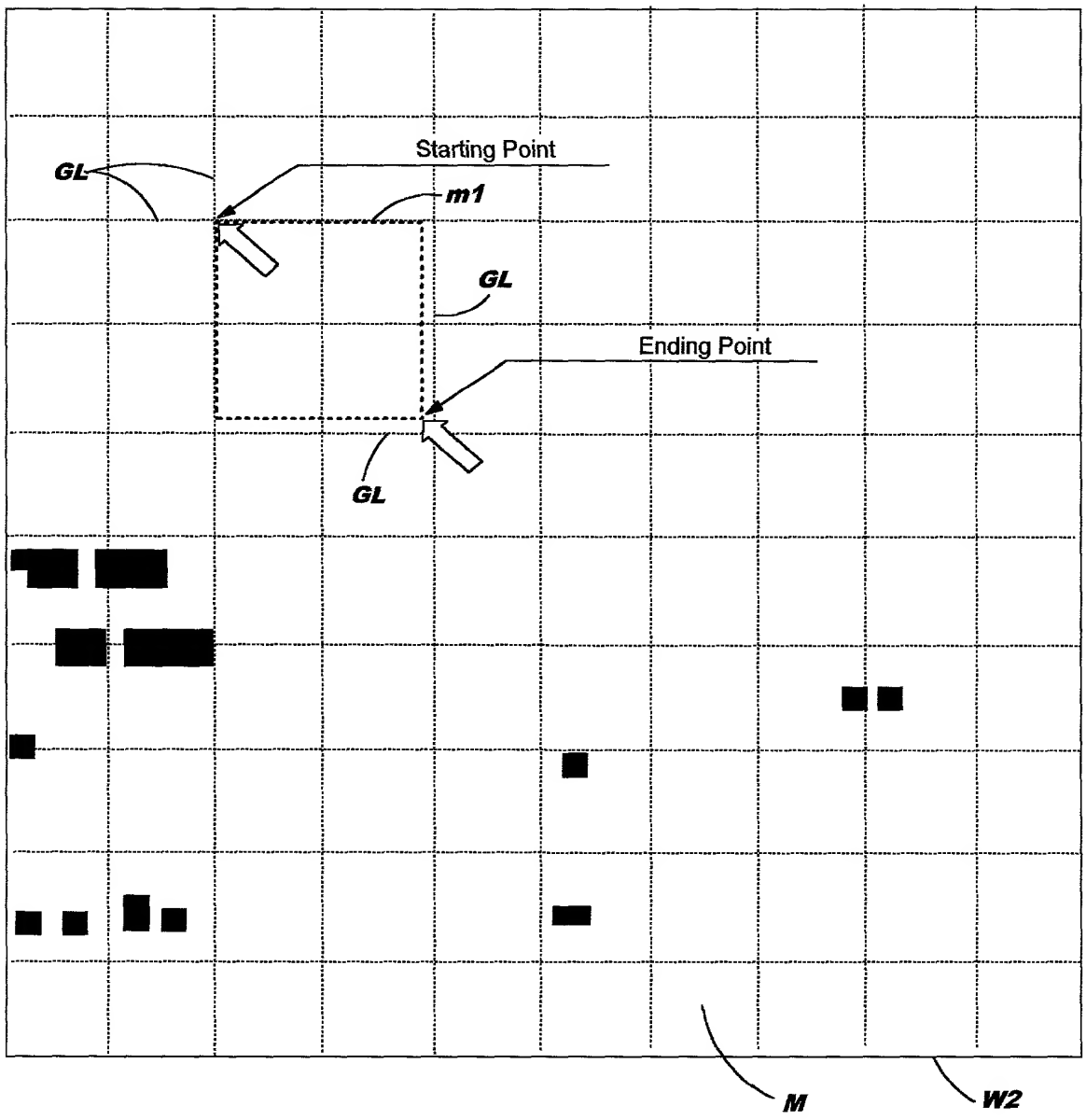
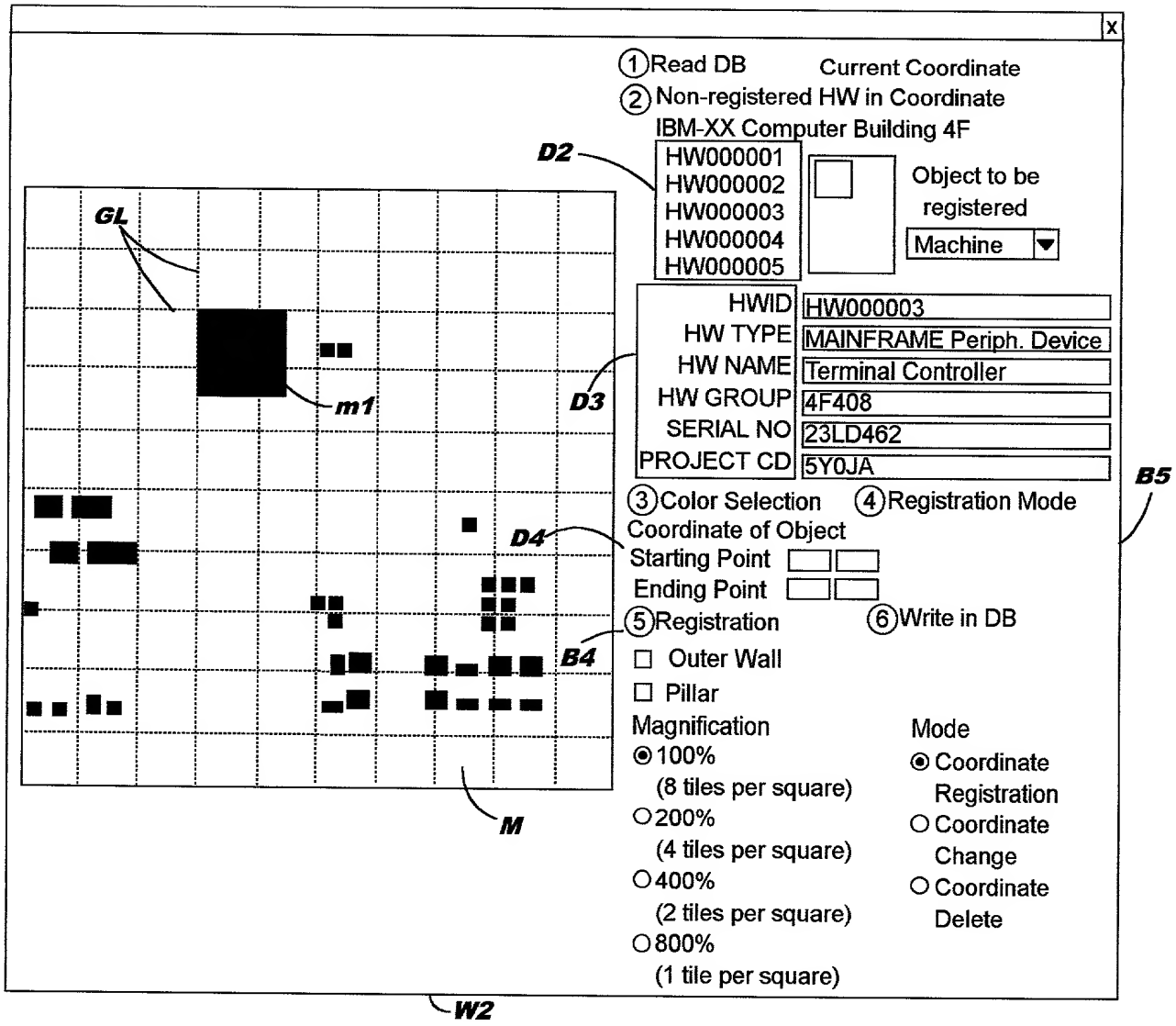
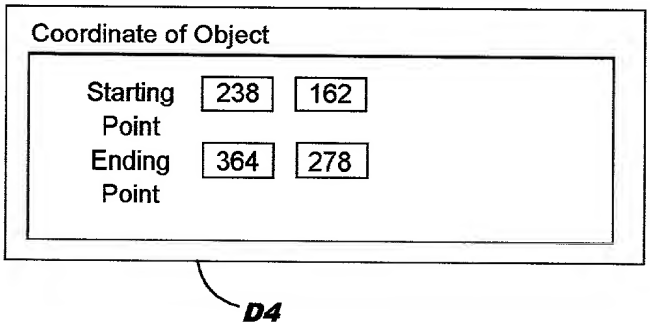


FIG. 16

(a)


x
1 Read DB
Current Coordinate
2 Non-registered HW in Coordinate
IBM-XX Computer Building 4F
D2
HW000001
HW000002
HW000003
HW000004
HW000005
Object to be registered
Machine
GL
m1
D3
HWID
HW000003
HW TYPE
MAINFRAME Periph. Device
HW NAME
Terminal Controller
HW GROUP
4F408
SERIAL NO
23LD462
PROJECT CD
5Y0JA
B5
3 Color Selection
4 Registration Mode
D4
Coordinate of Object
Starting Point
Ending Point
5 Registration
6 Write in DB
B4
Outer Wall
Pillar
Magnification
100%
(8 tiles per square)
200%
(4 tiles per square)
400%
(2 tiles per square)
800%
(1 tile per square)
Mode
Coordinate Registration
Coordinate Change
Coordinate Delete
M
W2

(b)


Coordinate of Object
Starting Point
238
162
Ending Point
364
278
D4